

Notulae to the Italian native vascular flora: 19

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Abstract

In this contribution, new data concerning the distribution of native vascular flora in Italy are presented. It includes new records, confirmations, and exclusions to the Italian administrative regions for taxa in the genera *Carex*, *Filago*, *Koeleria*, *Lonicera*, *Myosotis*, *Phleum*, *Potamogeton*, *Stachelina*, *Verbascum*, *Zannichellia*. Nomenclatural and distribution updates, published elsewhere, and corrigenda are provided as Suppl. material 1.

Keywords

Endemic taxa, Floristic data, Italy, Nomenclature, Taxonomy

How to contribute

The text for the new records, exclusions, and confirmations should be submitted electronically to Lorenzo Lastrucci (lorenzo.lastrucci@unifi.it). The corresponding specimen along with its scan or photograph have to be sent to FI Herbarium: Sezione di Botanica “Filippo Parlatore” del Museo di Storia Naturale, Via G. La Pira 4, 50121 Firenze (Italy). Those texts concerning nomenclatural novelties and typifications (only for accepted names) should be submitted electronically to: Fabrizio Bartolucci (fabrizio.bartolucci@gmail.com). Each text should be within 1,000 characters (spaces included).

Floristic records of native taxa

Carex leersii F.W.Schultz (Cyperaceae)

+ **ABR**: Barisciano (L'Aquila), (WGS84: 42.3373°N, 13.59760°E), vicinanze Convento di San Colombo, scarpata stradale, 1100 mslm, 31 May 2023, *M. Pallanza* (FI). – Species new for the flora of Abruzzo.

This species is already reported in the Apennines for the regions of Calabria, Campania, Lazio and Marche. It is reasonable to think that the species is present also in the other neighboring regions but overlooked or confused with the closely related *Carex divulsa* Stokes.

M. Pallanza

Koeleria cenisia Reut. ex E.Rev. (Poaceae)

+ **LIG**: Mendatica (Imperia), tra M. Frontè e Passo di Garlenda (WGS84: 44.053015°N, 7.753046°E), cresta rocciosa calcarea, 2027 m, 20 August 2024, *M. Lonati*, *G. Nota* (FI). – Species confirmed for the flora of Liguria.

Koeleria cenisia is endemic to the Western Alps. In Italy, the species ranges from the Pennine to the Ligurian Alps, occurring in Valle d'Aosta and Piemonte and with historical records in Liguria (Bartolucci et al. 2024; Bertolli et al. 2024). At the site where the species was observed, *K. cenisia* is relatively abundant, growing in rocky grasslands dominated by *Hieracium tomentosum* L. and *Helictotrichon sempervirens* (Vill.) Pilg.

M. Lonati, G. Nota

***Lonicera xylosteum* L. (Caprifoliaceae)**

– **CAM:** Species to be excluded from the flora of Campania.

This species was reported by Tenore (1813) for the Matese massif (partly included in Campania), but later limited by the same author to the Central Apennines (Mt. Corno, Abruzzo) (Tenore 1831). *Lonicera xylosteum* can be found in Herbarium Tenore (NAP!) from Abruzzo and Sicily. It was reported for Campania by Pignatti (1982), presumably basing on Fiori (1927), who in turn transformed into “Campania” the previous indication “Terra di Lavoro” of the first edition of Flora Analitica d’Italia (Béguinot 1903). This latter indication derived from Terracciano (1872, 1874, 1878) (cf. Tanfani 1887), who, however, referred to localities nowadays in southern Lazio. Finally, the most recent indication for the Benevento province (Guarino et al. 2003) is erroneous (F. Napolitano, obs. pers.).

E. Del Guacchio, F. Napolitano, A. Santangelo

***Lonicera periclymenum* L. (Caprifoliaceae)**

– **CAM:** Species to be excluded from the flora of Campania.

This species was reported in the national floras for the province of Avellino (e.g., Tanfani 1887; Fiori 1927; Pignatti 1982), after the indication of *L. periclymenum* var. *villosa* Ten. for the mounts of Irpinia (Tenore 1831). The indication for the province of Salerno (“Salernit. (TEN.)”) by Béguinot (1903) is an obvious error. However, at NAP there is only a pertinent specimen, i.e. NAP0005279, which lacks any original label, but one by L. Grande. This author indicated Tenore as the collector and annotated “in montibus Hirpinis?”, observing that the leaves do not agree with the description (Tenore 1831). Therefore, it is impossible to link this specimen to the record by Tenore (1831). It is also to be noted that Tenore (1813) had indicated *L. periclymenum* very generically for the Kingdom of Naples (central and southern Italy), where the species does not occur (Bartolucci et al. 2024), or as a cultivated plant. Finally, the indication by Amabile (1850) for the same area might be a mere quotation of Tenore (1831), not resumed by further scholars.

E. Del Guacchio, F. Napolitano, A. Santangelo

***Myosotis pusilla* Loisel. (Boraginaceae)**

+ **CAL:** Motta San Giovanni (Reggio Calabria), Località Scariglione, (WGS84: 38.008629°N, 15.736408°E), formazioni rocciose in prossimità di un impianto di *Pinus* sp. pl., 845 m, 5 April 2024, V.L.A. Laface, L. Torino (REGGIO, FI); Motta San Giovanni (Reggio Calabria), Località Serro di Corico, (WGS84: 38.007262°N, 15.733185°E), formazioni rocciose in un impianto di *Pinus* sp. pl., 820 m, 9 April 2024, V.L.A. Laface, L. Torino (REGGIO). – Species new for the flora of Calabria.

Many individuals have been observed, growing near the rock formations that characterise the area. The species shares the habitat with *M. incrassata* Guss. and *M. ramosissima* Rochel subsp. *ramosissima*, but grows exclusively near rocks, unlike the other two species that prefer open spaces.

V.L.A. Laface, L. Torino

***Potamogeton trichoides* Cham. & Schltdl. (Potamogetonaceae)**

+ **PUG**: Barletta (Barletta), località “Ariscianne”, torrente Ariscianne presso Contrada Le Paludi (WGS84: 41.305780°N, 16.351072°E), canali con acque limpide, 1 m s.l.m., 26 June 2024, *C. Caporusso and G. Pazienza* (FI, BI Nos 59179, 59180, PAV).

– Species confirmed for the flora of Puglia.

This species was previously reported in Puglia at Foresta Umbra by Fenaroli (1974).

G. Pazienza, C. Caporusso

***Stachelina dubia* L. (Asteraceae)**

+ **VEN**: Costermano (Verona), Val Sassè, 250 m a NE di Roncolà (WGS84: 45.620066°N, 10.733013°E), 466 m, 27 October 2023, pendio sassoso arido semi-boscato su maiolica, *F. Prosser, G. Nardon*, det. *F. Prosser* (ROV-81220, FI). – Species new for the flora of Veneto.

At this site there are at least a hundred specimens of different ages (including seedlings) over an area of approx. 200 m², some of which have been destroyed by the recent construction of a downhill ski slope. It seems difficult to assume an artificial introduction because the site is located in a poorly disturbed area. The locality was discovered on 8 July 2023 by R. Boni. It is a W-Mediterranean species (Pignatti et al. 2018) unconfirmed in central-eastern Lombardia (Martini et al. 2012); the closest occurrences are probably in the Reggiano (Alessandrini and Branchetti 1997).

R. Boni, F. Prosser

***Verbascum thapsus* L. subsp. *montanum* (Schrad.) Bonnier & Layens (Scrophulariaceae)**

+ **ABR**: Campo di Giove (L'Aquila), Le Piane (WGS84: 41.997429°N, 14.070770°E), prato al bordo stradale, 1148 m, 27 July 2024, *G. Pellegrino*, Det. *G. Pellegrino, L. Forte* (FI; BI No. 59182). – Subspecies new for the flora of Abruzzo.

This subspecies, reported in the past for the National Park of Abruzzo, Lazio and Molise but in the Lazio territory near the border with Abruzzo (“*sui Monti di Pescosolido*” Terracciano 1873 sub *V. montanum* Rom. et Schultz, “*presso la Brecciosa (Pescosolido)*”, Falqui 1899 sub *V. montanum* Schrad.), was either considered a synonym of *V. thapsus* L. by Conti and Bartolucci (2015) or was not reported for the Park (Conti and Bartolucci 2022). Instead, it had not yet been reported for the Maiella National Park (Conti et al. 2019, 2020), where it is here reported.

G. Pellegrino, L. Forte

***Zannichellia peltata* Bertol. (Potamogetonaceae)**

+ **MOL**: Morrone del Sannio (Campobasso), Fiume Biferno (WGS84: 41.766492°N, 14.780483°E), 10 July 2024, *L. Lastrucci, D. Viciani, R. Di Pietro, P. Fortini, I. Mezza*, det. *L. Lastrucci* (FI barcode 01583956); *ibidem*, campioni raccolti in comunità

paucispecifica a dominanza di *Z. peltata*, in situazione di acqua debolmente fluente con profondità di 10–15 cm, adiacente a isolotto di sassi stabilizzati, 10 July 2024, L. Lastrucci, D. Viciani, R. Di Pietro, P. Fortini, I. Mezza, det. L. Lastrucci (IS No. 05422); Petrella Bifernina (Campobasso), Fiume Biferno – Tiro a segno (WGS84: 41.717436°N, 14.684404°E), 10 July 2024, L. Lastrucci, D. Viciani, R. Di Pietro, det. L. Lastrucci (FI barcode 01583957, IS Nos 05405, 05406); Larino (Campobasso), Fiume Biferno – Campo gara (WGS84: 41.857815°N, 14.886852°E), 11 July 2024, L. Lastrucci, D. Viciani, det. L. Lastrucci (FI barcode 01583958). – Species new for the flora of Molise.

This species is considered as taxonomically doubtful by Bartolucci et al. (2024), but this is probably due to past taxonomic misunderstandings, as it seems to be well differentiated from *Z. palustris* L. and other taxa of the group (Lastrucci et al. 2019). Moreover, in Molise we observed it in running waters rather than in standing or lentic ones.

D. Viciani, I. Mezza

Floristic records of regional alien taxa

Filago congesta Guss. ex DC. (Asteraceae)

+ (NAT) **TAA**: Nago-Torbole (Trento), Camping Al Cor (WGS84: 10.522072°N, 45.521427°E), 67 m, 9 April 2013, leg. A. Bertolli, F. Prosser, rev. F. Prosser 24/5/2023 (ROV-67083); *ibidem* 29 April 2015 leg. F. Prosser, A. Bertolli, G. Tomasi, S. Andreatta, rev. F. Prosser 24/5/2023 (ROV-69332, FI). – Naturalized regional alien species new for the flora of Trentino-Alto Adige.

+ (NAT) **VEN**: Malcesine (Verona), Camping Lombardi (WGS84: 45.476025°N, 10.491822°E), 90 m, 18 Mai 2006, leg. F. Prosser, R. Vicentini, rev. F. Prosser 22/1/2014 (ROV-49193); *ibidem* (WGS84: 45.784492°N, 10.821145°E), 1 June 2023, A. Bertolli, G. Tomasi (FI); Malcesine (Verona), Camping Bellavista (WGS84: 45.730039°N, 10.783702°E), 77 m, 25 Mai 2023, F. Prosser, G. Tomasi, F. Festi (ROV-81215); Malcesine (Verona), Camping Azzurro (WGS84: 45.790780°N, 10.827973°E), 70 m, 1 June 2023, A. Bertolli, G. Tomasi (ROV-81208); Malcesine (Verona), Camping Bommartini (WGS84: 45.808303°N, 10.848326°E), 79 m, 1 June 2023, A. Bertolli, G. Tomasi (ROV-81211). – Naturalized regional alien species new for the flora of Veneto.

This species is similar to *Filago pyramidata* L., but with prostrate habit and pappus of central flowers absent or with few fragile bristles were noted during systematic explorations of campsites in the Garda of Trentino and Verona provinces since 2006 and identified as *F. congesta* since 2014 (Pignatti 1982; Andrés-Sánchez et al. 2019). Subsequent collections showed the progressive expansion of this Mediterranean species in campsites where it had already been found and its establishment in others, both in Trentino and Verona areas. Verloove et al. (2020) documented its presence in three campsites in the Netherlands and one in Belgium, confirming its marked ability to expand in this habitat. *Filago congesta* was also observed in Malcesine (Verona), Camping Campagnola (WGS84: 45.787339°N, 10.822929°E).

F. Prosser, A. Bertolli, G. Tomasi

***Phleum exaratum* Hochst. ex Griseb. (Poaceae)**

+ (NAT) **VEN**: Oppeano (Verona), presso Vallese, lungo il raccordo (lato W) tra Via Feniletto e Via degli Oppi (WGS84: 45.311096°N, 11.125120°E), 28 m, 29 May 2024, incolto sabbioso tra strada e campo, leg. *F. Prosser*, *F. Festi*, *G. Tomasi*, det. *F. Prosser* (ROV-81235, FI). – Naturalized regional alien species new for the flora of Veneto.

Eastern Steno-Mediterranean annual species reported in Italy in southern Apulia and Basilicata in Matera (Pignatti et al. 2017). Various casual occurrences are known in Middle Europe (Conert 1998). Near Vallese this species is frequent on sandy soil up to 400 m NE (ROV-81239, ROV-81240) and up to 1400 m E of the given point (obs. *F. Menini*), on an area of at least 20 ha, where it colonises roadside verges, uncultivated land, a wheat field and a dry meadow. The identification was made also on the basis of El-Gazzar et al. (2016).

F. Prosser, *F. Menini*

Nomenclatural and distribution updates from other literature sources

Nomenclatural and distribution updates, and corrigenda to Bartolucci et al. (2024) according to Merxmüller and Grau (1969), Steinberg (1971), van Slageren (1994), Marhold (1999), Robson (2010), Small (2011), Kirschner and Štěpánek (2012), Quintanar and Castroviejo (2013), Raab-Straube and Henning (2017+), De Santis and Soldati (2019), Schnittler et al. (2019), Brullo and Brullo (2020), Chen et al. (2022), German (2022), Labadessa and Ancillotto (2023), Wisskirchen (2023), Applequist (2024), Bacchetta et al. (2024), Bartolucci and Conti (2024), Bertolli et al. (2024), Bovio (2024), Bovio et al. (2024), Brullo et al. (2024), Bruschi et al. (2024), Cambria and Di Gregorio (2024), Cambria et al. (2024), Capuano et al. (2024), Colleoni and Manigli (2024), Dagnino and Ardenghi (2024), Dagnino and Turcato (2024), De Luca et al. (2024), Gallo (2024), Iamónico and Mereu (2024), Kobrlová et al. (2024), Kovalchuk (2024), Laghi and Miserocchi (2024), Leoni (2024a, 2024b, 2024c), Leoni and Perico (2024), Manigli and Perico (2024), Reinhart et al. (2024), Barberá et al. (2025), Conti et al. (2025), Kravanja et al. (2025), Lussu et al. (2025), Maylandt et al. (2025), Pallanza et al. (2025), Peruzzi et al. (2025), Peterson et al. (2025), Pierini and Peruzzi (2025), POWO (2025+) and Schuettpelz et al. (2025) are provided in Suppl. material 1.

F. Bartolucci, *G. Galasso*

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Supplementary material I

Nomenclatural and distribution updates, and corrigenda to Bartolucci et al. (2024)

Authors: Fabrizio Bartolucci, Gabriele Galasso

Data type: pdf

Explanation note: 1. Nomenclatural updates; 2. Distribution updates; 3. Synonyms, misapplied or included names.

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